

In the Abstract

Please delete the Abstract as presented in the underlying International Application No. PCT/EP2003/014214 and replace it with the following new Abstract:

ABSTRACT

A device for contactless electrical power transmission in a system including at least one stationary and one moving part, power being transmitted between the at least one stationary part and the at least one moving part includes an inductive transformer including a primary winding disposed on the stationary part and a secondary winding disposed on the moving part, the inductive transformer bridging an isolating point between the stationary part and the moving part. The device also includes a frequency generator having a series-resonant circuit capacitor connected to the primary winding and at least one actuator control element connected to the secondary winding and including a matrix arrangement of a plurality of switchable power semiconductors. At least portions of the inductive transformer, frequency generator and at least one actuator control element are disposed in an area of a rotor shaft and a rotor head of a rotary-wing aircraft.